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Accession Nbr :

1990-085531 [12]

Title :

Evaporator condenser for distillation appts. - NoAbstract

Derwent Classes :

D15 J01

Patent Assignee :

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5

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FI8803947 A 19891229 DW1990-12 11p *

AP: 1988FI-0003947 19880826

JP04500172 W 19920116 DW1992-09

AP: 1989JP-0509307 19890825

AU-635718 B 19930401 DW1993-20 B01D-003/10

FD: AU8941986; Based on WO9001977

AP: 1989AU-0041986 19890825

KR9308107 B1 19930826 DW1994-32 B01D-003/00

AP: 1989WO-FI00157 19890825; 1990KR-0700848 19900426

US5340443 A 19940823 DW1994-33 B01D-001/28 7p

AP: 1991US-0640300 19910226; 1992US-0873331 19920409; 1993US-0113501 19930827

Priority Nbr :

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IPC s :

B01D-001/28 B01D-003/10 C02F-001/04

US Equiv. Abstract :

US5340443 A

A distn. appts. comprises a housing mounting a number of membrane units each having two plastics membranes seamed together from their edges, each having a support for hanging them in an opening communicating with the unit interior, and having an expandable structure formed by spot welding them together.

Each unit is clamped to its neighbours to form a pack with spaces between membrane units forming an evaporator part and space inside units forming a condenser part. On expansion the membranes of

adjacent units contact at a number of points to form evaporator passages. A vacuum generator is provided within the housing, with a blower for conveying evaporator generated vapour to the condenser.

USE - Used for distilling sea water. (Dwg.0/5)

Update Basic :

1990-12

Update Equivalents :

1992-09; 1993-20; 1994-32; 1994-33

Search statement 4